

ART SEARCH RECORD

Patent Examiner Francis Moonan
US Patent Application: 09/576,623
Inventor: Carman, John G

I. WEST Search.

Databases=USPAT; US-PGPUB; EPO; JPO; DERW
Date= 28 March 2002

Author Query= carman.IN.
Art Considered=1

WO 98/33374

Text Query= apomixis or apomictic
Art Considered=

US Patent No. 5,710,367
US Patent No. 5,811,636
US Patent No. 6,028,185

II. DIALOG Search.

Databases= Dialindex:AGRI,BIOTECH
Date= 28 March 2002

Text Query= (archespor? Or megaspor? Or megagameto? Or embryony or polyembryony or apospor? Or diplospor? and nucellar or nucellus or integument or hypanthium or integument or pericarp or hypanthium or pistil(1W)wall or ovule or ovary or placent?) and photoperiod?

Results=7

Art Considered= 7

10/3/1 (Item 1 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
03745307 CAB Accession Number: 991606703
Apomixis and sexuality in diploid and tetraploid accessions of
Brachiaria decumbens.
Naumova, T. N.; Hayward, M. D.; Wagenvoort, M.
DLO - Centre for Plant Breeding and Reproduction Research, (CPRO-DLO)
P.O. Box 16, 6700 AA, Wageningen, Netherlands.
Sexual Plant Reproduction vol. 12 (1): p.43-52
Publication Year: 1999
ISSN: 0934-0882 --

Language: English
Document Type: Journal article

10/3/2 (Item 2 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
01803541 CAB Accession Number: 861656953
Seasonal changes in the incidence of apomixis of diploid, triploid,
and tetraploid plants of *Paspalum crompterianum*.
Quarin, C. L.
Fac. Ciencias Agrarias, Instituto de Botanica del Nordeste, Casilla de
Correo 209, 3400 Corrientes, Argentina.
Euphytica vol. 35 (2): p.515-522
Publication Year: 1986
ISSN: 0014-2336 --
Language: English
Document Type: Journal article

10/3/3 (Item 3 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
01564457 CAB Accession Number: 851637327
In vitro sexual and apomictic embryo sac development in *Cenchrus
ciliaris*.
DeGroote, D. K.; Sherwood, R. T.
Dep. Agronomy, Pennsylvania State Univ., University Park, Pennsylvania
16802, USA.
Canadian Journal of Botany vol. 62 (10): p.2053-2057
Publication Year: 1984
ISSN: 0008-4026 --
Language: English Summary Language: french
Document Type: Journal article

10/3/4 (Item 4 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
01464911 CAB Accession Number: 841631187
Formation and development of the reproductive organs of sunflower in an
artificial climate.
Voskoboinik, L. K.; Fedorenko, T. S.; Klyuka, V. I.; Prokopenko, A. I.
Vsesoyuznyi institut maslichnykh kul'tur, Krasnodar, USSR.
Selektsiya i Semenovodstvo, USSR (No. 6): p.21-23
Publication Year: 1981 --
Language: Russian
Document Type: Journal article

10/3/5 (Item 5 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
01068478 CAB Accession Number: 811698539
The influence of light regimes during floral development on apomictic
seed production and on variability in resulting seedling progenies of *Poa
ampla* and *P. pratensis*.
Williamson, C. J.
Scottish Pl. Breed. Sta., Pentlandsfield, Roslin, UK.
New Phytologist vol. 87 (4): p.769-783

Publication Year: 1981
ISSN: 0028-646X --
Language: English
Document Type: Journal article

10/3/6 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.
02109188 BIOSIS NO.: 000063024181
EFFECTS OF GEOGRAPHIC ORIGIN AND SEED PRODUCTION
ENVIRONMENTS ON APOMIXIS
IN KENTUCKY BLUE GRASS
AUTHOR: HOVIN A W; BERG C C; BASHAW E C; BUCKNER R C; DEWEY D R;
DUNN G M;
HOVELAND C S; RINCKER C M; WOOD G M
JOURNAL: CROP SCI 16 (5). 1976 635-638. 1976
FULL JOURNAL NAME: Crop Science
CODEN: CRPSA
RECORD TYPE: Abstract

10/3/7 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.
00896635 BIOSIS NO.: 000053016796
APOSPOUS APOMIXIS SEASONAL VARIATION IN TETRA PLOID
DICHANTHIUM-ANNULATUM-M
AUTHOR: GUPTA P K; ROY R P; SINGH A P
JOURNAL: PORT ACTA BIOL SER A 11 (3-4). 1969 253-260. 1969
FULL JOURNAL NAME: Portugaliae Acta Biologica Serie A
CODEN: PABAA
RECORD TYPE: Citation

Text Query= (((APOMICTIC OR APOMIXIS AND FLOWERING AND
PHYTOCHROME(1W)RESPONSE? OR P-
PHOTOPERIOD OR LONG(1W)DAY? OR SHORT(1W)DAY? OR
DAYLENGTH(1W)NEUTRAL OR AMBIPHOTOPERIOD? OR
CRITICAL(1W)DAY? OR TEMPERATURE OR DUAL(2W)DAY? OR
INTERMEDIATE(1W)DAY?) AND CROSSING) AND HYBRID?)
AND (BREEDING OR POA OR RUBUS OR POTENTILLA OR
PANICUM OR TRIPSACUM OR BRACHIARIA OR PENNISETUM
OR MAIZE OR POLYGONUM OR ANTENNARIA OR ERIGERON
OR RICE OR TRITICUM OR HORDEUM OR ELYMUS OR
GAMAGRASS OR SCHIZACHRIUM OR OXYRIA OR
SANGUISORBA OR SORBUS OR LEYMUS OR BRASSICA OR
AVENA OR ALLIUM OR ENDYMION OR OENOTHERA OR
ERAGROSTIS OR IXERIS OR TARAXACUM OR PLUMBAGELLA
OR DRUSA OR ADOXA OR CULTIVAR? OR VARIET? Or
DIPLOID)

Results= 384

Art Considered= 66

50/3/2 (Item 2 from file: 10)

DIALOG(R)File 10:AGRICOLA

(c) format only 2002 The Dialog Corporation. All rts. reserv.

3867466 22080559 Holding Library: AGL

Crosses between sexual and apomictic dandelions (*Taraxacum*). I. The inheritance of apomixis

Tas, I.C.Q. Dijk, P.J. van.

Oxford : Blackwell Science Ltd.

Heredity : an international journal of genetics. Dec 1999. v. 83 (pt.6) p. 707-714.

ISSN: 0018-067X CODEN: HDTYAT

DNAL CALL NO: 443.8 H42

Language: English

50/3/4 (Item 4 from file: 10)

DIALOG(R)File 10:AGRICOLA

(c) format only 2002 The Dialog Corporation. All rts. reserv.

3738230 21974257 Holding Library: AGL

Dissection of a major QTL for photoperiod sensitivity in rice: its association with a gene expressed in an age-dependent manner

Dung, L.V. Inukai, T.; Sano, Y.

Hokkaido University, Sapporo, Japan.

Berlin; Springer-Verlag

Theoretical and applied genetics. Oct 1998. v. 97 (5/6) p. 714-720.

ISSN: 0040-5752 CODEN: THAGA6

DNAL CALL NO: 442.8 Z8

Language: English

50/3/5 (Item 5 from file: 10)

DIALOG(R)File 10:AGRICOLA

(c) format only 2002 The Dialog Corporation. All rts. reserv.

3709673 21807648 Holding Library: AGL

Differentiation and classification of parental lines and favorable genic interactions affecting F1 fertility in distant crosses of rice (*Oryza sativa* L.)

Li, R.H. Xue, C.G.; Yuan, L.P.; He, Y.W.; Sun, C.Q.; Yu, S.B.; Li, X.H.; Wang, X.K.

China Agricultural University, Beijing, China.

Berlin; Springer-Verlag

Theoretical and applied genetics. Mar 1998. v. 96 (3/4) p. 526-538.

ISSN: 0040-5752 CODEN: THAGA6

DNAL CALL NO: 442.8 Z8

Language: English

50/3/7 (Item 7 from file: 10)

DIALOG(R)File 10:AGRICOLA

(c) format only 2002 The Dialog Corporation. All rts. reserv.

3702068 21644860 Holding Library: AGL

Seasonal variation of apparent male fertility and 2n pollen production in plantain and banana

Ortiz, R. Ulburghs, F.; Okoro, J.U.

International Institute of Tropical Agriculture, Onne, Nchia Eleme, Rivers State, Nigeria.

Alexandria, Va. : The American Society for Horticultural Science.

HortScience : a publication of the American Society for Horticultural Science. Feb 1998. v. 33 (1) p. 146-148.

ISSN: 0018-5345 CODEN: HJHSAR

DNAL CALL NO: SB1.H6
Language: English

50/3/9 (Item 9 from file: 10)
DIALOG(R)File 10:AGRICOLA
(c) format only 2002 The Dialog Corporation. All rts. reserv.
3657406 20800027 Holding Library: AGL
Inheritance of parental genomes in progenies of *Poa pratensis* L. from sexual and apomictic genotypes as assessed by RAPD markers and flow cytometry
Barcaccia, G. Mazzucato, A.; Belardinelli, A.; Pezzotti, M.; Lucretti, S.; Falcinelli, M.
Berlin; Springer-Verlag
Theoretical and applied genetics. Sept 1997. v. 95 (4) p. 516-524.
ISSN: 0040-5752 CODEN: THAGA6
DNAL CALL NO: 442.8 Z8
Language: English

50/3/15 (Item 15 from file: 10)
DIALOG(R)File 10:AGRICOLA
(c) format only 2002 The Dialog Corporation. All rts. reserv.
3446622 20460496 Holding Library: AGL
Studies on the fertile percentage in varietal crosses of rice hybrids
Kuang, H.H. Tu, D.S.
Madison, Wis. : American Society of Agronomy, [1949-
Agronomy journal. May 1949. v. 41 (5) p. 195-199.
ISSN: 0002-1962 CODEN: AGJOAT
DNAL CALL NO: 4 AM34P
Language: English

50/3/16 (Item 16 from file: 10)
DIALOG(R)File 10:AGRICOLA
(c) format only 2002 The Dialog Corporation. All rts. reserv.
3294060 93037216 Holding Library: AGL
Problems in the breeding of millet (*Setaria italica* (L.) Beauv.)
Li, H.W. Meng, C.J.; Liu, T.N.
Honan University, Kaifeng, Honan, China
Madison, Wis. : American Society of Agronomy.
Journal of the American Society of Agronomy. Dec 1935. v. 27 (12) p. 963-970.
ISSN: 0002-1962 CODEN: AGJOAT
DNAL CALL NO: 4 AM34P
Language: English

50/3/17 (Item 17 from file: 10)
DIALOG(R)File 10:AGRICOLA
(c) format only 2002 The Dialog Corporation. All rts. reserv.
3237164 92071252 Holding Library: AGL
Using apomictic tetraploids to make a self-incompatible diploid
Pennisetum bahiagrass clone set seed
Burton, G.W. Hanna, W.W.
University of Vienna, Vienna, Austria
New York, N.Y. : Oxford University Press.
The Journal of heredity. July/Aug 1992. v. 83 (4) p. 305-309.
ISSN: 0022-1503 CODEN: JOHEA
DNAL CALL NO: 442.8 AM3

Language: English

50/3/20 (Item 20 from file: 10)

DIALOG(R)File 10:AGRICOLA

(c) format only 2002 The Dialog Corporation. All rts. reserv.

2976607 90011996 Holding Library: AGL

Inheritance of photoperiod -induced flowering in three photoperiodic lines of *Aeschynomene americana* L

Deren, C.W. Quesenberry, K.H.

University of Florida, Belle Glade, FL

Berlin, W. Ger. : Springer International.

Theoretical and applied genetics. 1989. v. 78 (6) p. 825-830.

ISSN: 0040-5752 CODEN: THAGA

DNAL CALL NO: 442.8 Z8

Language: English

50/3/23 (Item 1 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2002 CAB International. All rts. reserv.

04123418 CAB Accession Number: 20013141444

Thawing' of 'frozen' variation in an adventive, facultatively apomictic , clonal weed.

Chapman, H.; Brown, J.

Department of Plant and Microbial Sciences, Private Bag 4800, University of Canterbury, Christchurch, New Zealand.

Plant Species Biology vol. 16 (2): p.107-118

Publication Year: 2001

ISSN: 0913-557X --

Language: English

Document Type: Journal article

50/3/24 (Item 2 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2002 CAB International. All rts. reserv.

04106527 CAB Accession Number: 20013091179

Breeding method for spray-type chrysanthemums with long critical daylength for flowering.

Shimizu, A.; Goto, S.; Ikeda, H.; Amano, M.

Department of Floriculture, 360 Kusawa, Ano, Mie 514-2392, Japan.

Bulletin of the National Research Institute of Vegetables, Ornamental Plants and Tea (No. 16): p.165-173

Publication Year: 2001

ISSN: 1343-2206 --

Language: Japanese Summary Language: english

Document Type: Journal article

50/3/25 (Item 3 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2002 CAB International. All rts. reserv.

04094906 CAB Accession Number: 20013111336

Isolation of cDNA clones differentially expressed in flowers of apomictic and sexual *Paspalum notatum*.

Pessino, S. C.; Espinoza, F.; Martinez, E. J.; Ortiz, J. P. A.; Valle, E. M.; Quarín, C. L.

Instituto de Biología Molecular y Celular de Rosario (IBR, CONICET), Facultad de Ciencias Bioquímicas y Farmacéuticas, Universidad Nacional de

Rosario, Suipacha 531, (2000) Rosario, Argentina.

Hereditas (Lund) vol. 134 (1): p.35-42

Publication Year: 2001

ISSN: 0018-0661 --

Language: English

Document Type: Journal article

50/3/32 (Item 10 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2002 CAB International. All rts. reserv.

03953788 CAB Accession Number: 20001614895

Forage attributes of S2 lines from Zea mays x Zea diploperennis hybrid

Original Title: Aptitud forrajera de lineas S2 originadas del hibrido

Zea mays L.x Zea diploperennis I.

Paccapelo, H. A.; Molas, L. M.; Saluzzi, L.

Facultad de Agronomia, UNLPam, CC 300, 6300 Santa Rosa, La Pampa, Argentina.

Revista de la Facultad de Agronomia, Universidad Nacional de la Pampa
vol. 10 (2): p.59-64

Publication Year: 1999 --

Language: Spanish Summary Language: english

Document Type: Journal article

50/3/37 (Item 15 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2002 CAB International. All rts. reserv.

03798452 CAB Accession Number: 991610932

Apomictic tendency in diploid x hexaploid crosses of coffee.

Prakash, N. S.; Jyothi, D. P.; Mishra, M. K.; Srinivasan, C. S.; Naidu, R.

Central Coffee Research Institute, Coffee Research Station Chikmagalur

577117, Karnataka, India.

Developments in plantation crops research. Proceedings of the 12th
Symposium on Plantation Crops, PLACROSYM XII, Kottayam, India, 27-29
November 1996.

Conference Title: Developments in plantation crops research.

Proceedings of the 12th Symposium on Plantation Crops, PLACROSYM XII,
Kottayam, India, 27-29 November 1996.

p.69-72

Publication Year: 1998

Editors: Mathew, N. M.; Kuruvilla Jacob, C.; Licy, J.; Joseph, T.;

Meenattoor, J. R.; Thomas, K. K.

Publisher: Allied Publishers Ltd -- New Delhi, India

ISBN: 81-7023-899-4

Language: English

Document Type: Conference paper

50/3/42 (Item 20 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2002 CAB International. All rts. reserv.

03729099 CAB Accession Number: 991605876

Selection of photoperiodic sorghum.

Original Title: La selection de sorghos photoperiodiques.

Kouressy, M.; Niangado, O.; Dembele, T.; Vaksmann, M.; Trouche, G.;

Reyniers, F. N.

Institut d'economie rurale, BP 258, Bamako, Mali.

The future of photoperiodical cereals for sustainable production in the

semiarid tropics of Africa, Florence, Italy, 27-30 April 1998.

Conference Title: The future of photoperiodical cereals for sustainable production in the semiarid tropics of Africa, Florence, Italy, 27-30 April 1998.

p.247-262

Publication Year: 1998

Editors: Bacci, L.; Reyniers, F. N.

Publisher: CIRAD -- Montpellier, France

ISBN: 33-37401-01-2

Language: French Summary Language: english

Document Type: Conference paper

50/3/46 (Item 24 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2002 CAB International. All rts. reserv.

03597036 CAB Accession Number: 981611156

Improvement of anther culture response of apomictic maize - Tripsacum hybrids.

Li, Y. G.; Bai, D. P.; Kindiger, B.

Southern Plains Range Research Station, USDA-ARS, Woodward, Oklahoma, USA.

Maize Genetics Cooperation Newsletter (No. 72): p.84

Publication Year: 1998 --

Language: English

Document Type: Journal article

50/3/55 (Item 33 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2002 CAB International. All rts. reserv.

03358574 CAB Accession Number: 972301029

Sexuality and no apomixis found in crossing experiments with diploid *Potentilla argentea*.

Holm, S.; Ghatnekar, L.

Department of Genetics, Lund University, Lund, Sweden.

Hereditas (Landskrona) vol. 125 (1): p.77-82

Publication Year: 1996

ISSN: 0018-0661 --

Language: English

Document Type: Journal article

50/3/56 (Item 34 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2002 CAB International. All rts. reserv.

03354670 CAB Accession Number: 971603852

Plasmon analysis of *Triticum* (wheat) and *Aegilops*. 1. Production of alloplasmic common wheats and their fertilities.

Tsunewaki, K.; Wang GuiZhi; Matsuoka, Y.

Department of Bioscience, Fukui Prefectural University, Matsuoka, Fukui 910-11, Japan.

Genes and Genetic Systems vol. 71 (5): p.293-311

Publication Year: 1996 --

Language: English

Document Type: Journal article

50/3/62 (Item 40 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2002 CAB International. All rts. reserv.
03177331 CAB Accession Number: 961601466
Effect of temperature shock and elevated incubation temperature on
androgenic embryo yield of diploid potato.
Shen LiuYin; Veilleux, R. E.
Department of Horticulture, Virginia Polytechnic Institute & State
University, Blacksburg, VA 24061-0327, USA.
Plant Cell, Tissue and Organ Culture vol. 43 (1): p.29-35
Publication Year: 1995
ISSN: 0167-6857 --
Language: English
Document Type: Journal article

50/3/65 (Item 43 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
03028411 CAB Accession Number: 951607094
Evaluation of interspecific crossing experiments in facultatively
apomictic blackberries (Rubus subgen. Rubus) using DNA
fingerprinting.
Nybom, H.
Balsgard-Department of Horticultural Plant Breeding, Swedish University
of Agricultural Sciences, Fjalkestadvagen 123-1, S-291 94 Kristianstad,
Sweden.
Hereditas (Landskrona) vol. 122 (1): p.57-65
Publication Year: 1995
ISSN: 0018-0661 --
Language: English
Document Type: Journal article

50/3/73 (Item 51 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
02777173 CAB Accession Number: 931644819
Apomixis .
Nijs, A. P. M. den; Dijk, G. E. van
Centre for Plant Breeding and Reproduction Research (CPRO-DLO),
Droevendaalsesteeg 1, PO Box 16, 6700 AA Wageningen, Netherlands.
Book Title: Plant breeding : principles and prospects
p.229-245
Publication Year: 1993
Editors: Hayward, M. D.; Bosemark, N. O.; Romagosa, I.
Publisher: Chapman and Hall Ltd -- London, UK
ISBN: 0-412-43390-7
Language: English
Document Type: Book chapter

50/3/75 (Item 53 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
02762679 CAB Accession Number: 931643447
Photoperiod -sensitive cytoplasmic male sterility in wheat with
Aegilops crassa cytoplasm.
Murai, K.; Tsunewaki, K.
Agricultural Science Laboratory, Takarazuka Research Centre, Sumitomo
Chemical Co., Ltd., Takarazuka, Hygo 665, Japan.

Euphytica vol. 67 (1-2): p.41-48
Publication Year: 1993
ISSN: 0014-2336 --
Language: English
Document Type: Journal article

50/3/80 (Item 58 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
02735059 CAB Accession Number: 931640665
On fatuoids and hybrids of Avena spp. and their significance for seed production. I. Flowering behaviour of oats and origin of fatuoids and hybrids.
Bickelmann, U.
Staatliche Landwirtschaftliche Untersuchungs- und Forschungsanstalt, Augustenberg, Germany.
Plant Varieties & Seeds vol. 6 (1): p.21-26
Publication Year: 1993
ISSN: 0952-3863 --
Language: English
Document Type: Journal article

50/3/81 (Item 59 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
02709300 CAB Accession Number: 931639095
Development of a sexually reproducing tetraploid line for breeding apomictic guineagrass.
Nakagawa, H.; Shimizu, N.; Sato, H.; Momonoki, T.; Nakano, H.
Tropical Agriculture Research Center, Ministry of Agriculture, Forestry & Fisheries, 1-2 Ohwashi, Tsukuba, Ibaraki 305, Japan.
Research Highlights - Tropical Agriculture Research Center p.7-8
Publication Year: 1991
ISSN: 0917-2378 --
Language: English
Document Type: Journal article

50/3/82 (Item 60 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
02672764 CAB Accession Number: 931697938
A study on the apomixis in rice.
Chen, J. S.; Yin, L.; Cao, W. J.
Institute of Crop Breeding and Cultivation, Chinese Academy of Sciences, Beijing, China.
Book Title: Collection of papers on breeding of apomictic rice
p.1-9
Publication Year: 1992
Editors: Chen, J. S.
Publisher: China Science and Technology Press -- Beijing, China
Language: English; Chinese
Document Type: Book chapter

50/3/83 (Item 61 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.

02660081 CAB Accession Number: 931697567

Apomixis : prospects for utilization in breeding crop plants.

Original Title: L'apomissia: prospettive di utilizzo nel miglioramento genetico delle piante coltivate.

Falcinelli, M.; Mazzuccato, A.

Istituto di Miglioramento Genetico Vegetale, Universita degli Studi, Perugia, Italy.

Sementi Elette vol. 37 (6): p.3-12

Publication Year: 1991

ISSN: 0037-1890 --

Language: Italian Summary Language: english

Document Type: Journal article

50/3/84 (Item 62 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2002 CAB International. All rts. reserv.

02626355 CAB Accession Number: 921628968

Embryo sac analysis and crossing procedure for breeding apomictic guineagrass (*Panicum maximum* Jacq.).

Nakagawa, H.

Okinawa Branch, Tropical Agriculture Research Center, Maesato, Ishigaki, Okinawa 907001, Japan.

JARQ, Japan Agricultural Research Quarterly vol. 24 (2): p.163-168

Publication Year: 1990

ISSN: 0021-3551 --

Language: English

Document Type: Journal article

50/3/90 (Item 68 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2002 CAB International. All rts. reserv.

02384636 CAB Accession Number: 911620301

Some problems in using photoperiod -sensitive genic male sterile rice for indica-japonica heterosis.

Wang, C. L.; Zou, J. S.

Institute of Food Crops, Jiangsu Academy of Agricultural Sciences, Nanjing 210014, China.

Jiangsu Journal of Agricultural Sciences vol. 6 (4): p.9-14

Publication Year: 1990

ISSN: 1000-4440 --

Language: Chinese Summary Language: english

Document Type: Journal article

50/3/93 (Item 71 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2002 CAB International. All rts. reserv.

02209156 CAB Accession Number: 901610550

Developing apomictic pearl millet - characterization of a BC3 plant.

Dujardin, M.; Hanna, W. W.

University of Georgia, Coastal Plain Experiment Station, Tifton, GA 31793, USA.

Journal of Genetics & Breeding vol. 43 (3): p.145-149

Publication Year: 1989

ISSN: 0394-9257 --

Language: English

Document Type: Journal article

50/3/110 (Item 88 from file: 50)
 DIALOG(R)File 50:CAB Abstracts
 (c) 2002 CAB International. All rts. reserv.
 01760413 CAB Accession Number: 861652758
 Autonomous apomictic reproduction of *Cucumis ficifolius* A. Rich and *C. anguria* L.
 Zagorcheva, L.
 Institut po Zelenchukovi Kulturi, Plovdiv, Bulgaria.
 Genetika i Seleksiya vol. 18 (5): p.460-462
 Publication Year: 1985
 ISSN: 0016-6766 --
 Language: Bulgarian Summary Language: english; russian
 Document Type: Journal article

50/3/118 (Item 96 from file: 50)
 DIALOG(R)File 50:CAB Abstracts
 (c) 2002 CAB International. All rts. reserv.
 01442158 CAB Accession Number: 841629197
 The nature of apomixis and its utilization in the production of hybrids ("vybrids") in *Sorghum bicolor* (L.) Moench.
 Murty, U. R.; Kirti, P. B.; Bharathi, M.; Rao, N. G. P.
 Indian Agric. Res. Inst., Regional Station, Hyderabad, India.
 Zeitschrift fur Pflanzenzuchtung vol. 92 (1): p.30-39
 Publication Year: 1984 --
 Language: English Summary Language: german
 Document Type: Journal article

50/3/119 (Item 97 from file: 50)
 DIALOG(R)File 50:CAB Abstracts
 (c) 2002 CAB International. All rts. reserv.
 01348675 CAB Accession Number: 831623349
 Aposporic embryo sac formation in interspecific *Festuca* hybrids .
 Frohlich, W.; Grober, K.; Matzk, F.; Zacharias, M.
 Zentralinstitut fur Genetik und Kulturpflanzenforschung, Akademie der Wissenschaften der DDR, Gatersleben, German Democratic Republic.
 Induced mutations in vegetatively propagated plants II. Coimbatore, India, 11-15 February 1980
 p.175-183
 Publication Year: 1982
 Publisher: IAEA -- Vienna, Austria
 ISBN: 92-0-111182-7
 Language: English
 Document Type: Conference paper

50/3/127 (Item 105 from file: 50)
 DIALOG(R)File 50:CAB Abstracts
 (c) 2002 CAB International. All rts. reserv.
 01066865 CAB Accession Number: 811696103
 Analysis of the genetic relationships between wild and cultivated forms in pearl millet (*Pennisetum americanum* (L.) Leeke, *P. mollissimum* Hochst). II. Study of 3 F2 families from hybrids between a plant of an ecotype of *Pennisetum mollissimum* Hochst and 3 lines of cultivated millet, *Pennisetum americanum* (L.) Leeke.
 Original Title: Analyse des relations genetiques entre formes spontanees et cultivees chez de mil a chandelle (*Pennisetum americanum*

(L.), Leeke, P. mollissimum Hochst). II. Etude de 3 familles F2 issues d'hybrides entre une plante d'un ecotype de Pennisetum mollissimum Hochst et 3 lignees de mil cultive, Pennisetum americanum (L.), Leeke. Pernes, J.; Van, E. N. (Nguyen Van, E.); Beninga, M.; Belliard, J. Laboratoire de Genetique et Physiologie du Developpement des Plantes, Service de Genetique, CNRS, Gif-sur-Yvette, France.
Annales de l'Amelioration des Plantes vol. 30 (3): p.253-269
Publication Year: 1980 --
Language: French Summary Language: english
Document Type: Journal article

50/3/131 (Item 109 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
01062948 CAB Accession Number: 811603620
Apomixis and polyploidy in some species of the genus Beta.
Arapova, T. S.
Tr. Biol. in-ta SO AN SSSR (No. 45): p.120-123
Publication Year: 1980 --
Language: Russian
Document Type: Journal article

50/3/134 (Item 112 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
00919073 CAB Accession Number: 791680574
Inclusion of Tripsacum chromosomes among the chromosomes of maize in relation to the transmission of apomixis.
Petrov, D. F.; Belousova, N. I.; Fokina, E. S.; Sorokina, T. P.
Apomixis u rast. i zhivotn.
p.45-73
Publication Year: 1978
Publisher: Nauka. -- Novosibirsk, USSR
Language: Russian
Document Type: Miscellaneous

50/3/137 (Item 115 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
00784858 CAB Accession Number: 781668734
Features of apomixis in sugar-beet plants with nuclear male sterility.
Zaikovskaya, N. E.; Peretyat'ko, N. A.; Shiryaeva, E. I.; Yarmolyuk, G. I.
Vsesoyuznyi institut sakharnoi svekly, Kiev, Ukrainian SSR.
Doklady Vsesoyuznoi Ordena Lenina Akademii Sel'skokhozyaistvennykh Nauk Imeni V. I. Lenina (No. 9): p.11-13
Publication Year: 1978 --
Language: Russian
Document Type: Journal article

50/3/139 (Item 117 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
00712982 CAB Accession Number: 780367045
Intersubgeneric crosses within the genus Pelargonium.
Coffin, J. L.; Harney, P. M.
Guelph University, Guelph, Ontario, Canada.

Euphytica vol. 27 (2): p.567-576
Publication Year: 1978
ISSN: 0014-2336 --
Language: English
Document Type: Journal article

50/3/140 (Item 118 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
00666492 CAB Accession Number: 781663612
A study of the progeny of 46-chromosome hybrids of *Zea mays* X
Tripsacum dactyloides.
Belousova, N. I.; Laikova, L. I.
Conference Title: Petrov, D. F.; Belousova, N. I.; Fokina, E. S.;
Laikova, L. I.; Yatsenko, R. M.; Sorokina, T. P. : The transfer of certain
elements of apomixis from *Tripsacum* to maize.
Tr. Biol. in-ta. Sib. otd. AN SSSR (No. 30): p.73-76
Publication Year: 1976 --
Language: Russian
Document Type: Journal article

50/3/141 (Item 119 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
00666489 CAB Accession Number: 781663609
The transfer of certain elements of apomixis from *Tripsacum* to maize
Petrov, D. F.; Belousova, N. I.; Fokina, E. S.; Laikova, L. I.;
Yatsenko, R. M.; Sorokina, T. P.
Tr. Biol. in-ta. Sib. otd. AN SSSR (No. 30): p.11-72
Publication Year: 1976 --
Language: Russian
Document Type: Journal article

50/3/145 (Item 123 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
00662073 CAB Accession Number: 771657229
Embryology and genetics of apomixis in the section *Corollinae* of the
genus *Beta*.
Jassem, B.
Zaklad Genetyki i Hodowli Roslin Korzeniowych IHAR, Bydgoszcz, Poland.
Acta Biologica Cracoviensia, Botanica vol. 19 p.149-172
Publication Year: 1976 --
Language: English
Document Type: Journal article

50/3/157 (Item 135 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
00422060 CAB Accession Number: 761642051
Day-neutral vs. short - day strawberry breeding advantages and
exploitation potential.
Bringhurst, R. S.
Univ. Calif., Davis, USA.
Fruit Varieties Journal vol. 30 (1): p.25
Publication Year: 1976

ISSN: 0091-3642 --
Language: English
Document Type: Journal article

50/3/159 (Item 137 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
00416173 CAB Accession Number: 751633478
The inheritance of the components of apomixis in hybrids of tetraploid maize and *Tripsacum*.
Fokina, E. S.
Izv. Sib. otd. AN SSSR. ser. biol. n. (No. 5,I): p.63-66
Publication Year: 1973 --
Language: Russian Summary Language: english
Document Type: Journal article

50/3/170 (Item 148 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
00189117 CAB Accession Number: 741616163
Genetic analysis of sexual and apomict *Panicum maximum*.
Pernes, J.; Rene-Chaume, R.
ORSTOM, Abidjan, Ivory Coast.
Genetics vol. 74 (2, II): p.s210
Publication Year: 1973
ISSN: 0016-6731 --
Language: English
Document Type: Abstract only

50/3/171 (Item 149 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
00188954 CAB Accession Number: 741615937
Breeding studies in the apomictic meadow-grass species *Poa pratensis* L.
Original Title: Veredelingsonderzoek bij de apomictische grassoort veldbeemd (*Poa pratensis* L.).
Winkelhorst, G. D.
Instituut de Haaff, Stichting voor Plantenveredeling, Wageningen, Netherlands.
Zaadbelangen vol. 27 (17): p.337-339
Publication Year: 1973 --
Language: Dutch
Document Type: Journal article

50/3/175 (Item 153 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2002 CAB International. All rts. reserv.
00090527 CAB Accession Number: 731609609
Apomixis in maize X *Tripsacum* hybrids.
Borovskii, M. I.
Apomiksis i selektsiya.
p.196-210
Publication Year: 1970
Publisher: -- Moscow, Nauka., USSR
Language: Russian

Document Type: Miscellaneous

50/3/203 (Item 23 from file: 203)

DIALOG(R)File 203:AGRI

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01636611 AGRIS No: 92-114148

Research progress in apomixis of rice]

Cai Detian; Chen Dongling (Huazhong Agricultural Univ., Wuhan (China).

Dept. of Agronomy)

Journal: Journal of Huazhong Agricultural University, Mar 1992, v. 11(1)

p. 15-20

Language: Chinese Summary Language: Chinese, English

50/3/214 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2002 BIOSIS. All rts. reserv.

13510156 BIOSIS NO.: 200200138977

Tripsacum dactyloides (Poaceae): A natural model system to study parthenogenesis.

AUTHOR: Bantin Joerg; Matzk Fritz; Dresselhaus Thomas(a)

AUTHOR ADDRESS: (a)Applied Plant Molecular Biology II, University of

Hamburg, Ohnhorststrasse 18, 22609, Hamburg**Germany E-Mail:

dresselh@botanik.uni-hamburg.de

JOURNAL: Sexual Plant Reproduction 14 (4):p219-226 December, 2001

MEDIUM: print

ISSN: 0934-0882

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

50/3/217 (Item 4 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2002 BIOSIS. All rts. reserv.

12608824 BIOSIS NO.: 200000362326

2n + n hybridization of apomictic *Paspalum dilatatum* with diploid *Paspalum* species.

AUTHOR: Espinoza F; Quarin C L(a)

AUTHOR ADDRESS: (a)Facultad de Ciencias Agrarias, Instituto de Botanica del

Nordeste, Consejo Nacional de Investigaciones Cientificas y Tecnicas

(CONICET), Universidad Nacional del Nordeste (UNNE), 3400, Corrientes**

Argentina

JOURNAL: International Journal of Plant Sciences 161 (2):p221-225 March, 2000

MEDIUM: print

ISSN: 1058-5893

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

50/3/227 (Item 14 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2002 BIOSIS. All rts. reserv.

10220048 BIOSIS NO.: 199698674966

Meiosis in the species of the Procumbentes and Corollinae sections and in interspecific hybrids within these sections and with sugar beet (*Beta*

vulgaris L.).
AUTHOR: Szota Maria
AUTHOR ADDRESS: Inst. Hodowli Aklimatyzacji Roslin, Bydgoszcz**Poland
JOURNAL: Hodowla Roslin Aklimatyzacja i Nasiennictwo 39 (4):p3-59 1995
ISSN: 0018-3040
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: Polish; Non-English
SUMMARY LANGUAGE: Polish; English

50/3/227 (Item 14 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.
10220048 BIOSIS NO.: 199698674966
Meiosis in the species of the Procumbentes and Corollinae sections and in interspecific hybrids within these sections and with sugar beet (Beta vulgaris L.).

AUTHOR: Szota Maria
AUTHOR ADDRESS: Inst. Hodowli Aklimatyzacji Roslin, Bydgoszcz**Poland
JOURNAL: Hodowla Roslin Aklimatyzacja i Nasiennictwo 39 (4):p3-59 1995
ISSN: 0018-3040
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: Polish; Non-English
SUMMARY LANGUAGE: Polish; English

50/3/244 (Item 31 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.
06102069 BIOSIS NO.: 000085065218
SEXUAL TETRAPLOID AND APOMICTIC PENTAPLOID POPULATIONS OF
HIERACIUM-PILOSELLA COMPOSITAE
AUTHOR: GADELLA T W J
AUTHOR ADDRESS: VAKGROEP POPULATIE EN EVOLUTIEBIOLOGIE, DEP.
BIOSYSTEMATICS, STATE UNIV. UTRECHT, TRANSITORIUM III, PADUALAAN 8,
NL-3584 CH UTRECHT, NETH.
JOURNAL: PLANT SYST EVOL 157 (3-4). 1987. 219-246. 1987
FULL JOURNAL NAME: Plant Systematics and Evolution
CODEN: ESPFB
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

50/3/246 (Item 33 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.
05252019 BIOSIS NO.: 000082092644
EFFECTS OF AMINOETHOXYVINYLGLYCINE ENVIRONMENT AND GENOTYPE IN
OVERCOMING
HYBRIDIZATION BARRIERS BETWEEN CUCUMIS SPECIES
AUTHOR: CUSTERS J B M; DEN NIJS A P M
AUTHOR ADDRESS: INST. HORTICULTURAL PLANT BREEDING, P.O. BOX 16, 6700 AA
WAGENINGEN, THE NETHERLANDS.
JOURNAL: EUPHYTICA 35 (2). 1986. 639-648. 1986
FULL JOURNAL NAME: Euphytica
CODEN: EUPHA
RECORD TYPE: Abstract

LANGUAGE: ENGLISH

50/3/273 (Item 5 from file: 76)
DIALOG(R)File 76:Life Sciences Collection
(c) 2002 Cambridge Sci Abs. All rts. reserv.
00728873 0662578
Apomictic progeny from Raphanobrassica .
Ellerstroem, S.
Swedish Univ. Agric. Sci., Dep. Crop Genet. and Breed., S-268 00 Svaloev,
Sweden
HEREDITAS. vol. 99, no. 2, p. 315 (1983.)
DOCUMENT TYPE: Journal article LANGUAGE: ENGLISH
SUBFILE: Genetics Abstracts

50/3/280 (Item 7 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2002 Inst for Sci Info. All rts. reserv.
02870878 Genuine Article#: ML478 No. References: 0
Title: A METHOD FOR CROSSING NONSYNCHRONOUSLY FLOWERING PARENTS IN WHEAT
, USING COLD-STORAGE OF THE FEMALE PARENT
Author(s): PURNHAUSER L
Corporate Source: CEREAL RES INST,POB 391/H-6701 SZEGED//HUNGARY/
Journal: CEREAL RESEARCH COMMUNICATIONS, 1993, V21, N2-3, P175-179
ISSN: 0133-3720
Language: ENGLISH Document Type: ARTICLE (Abstract Available) (NO REFS
KEYED)

50/3/313 (Item 5 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2002 The HW Wilson Co. All rts. reserv.
04751243 H.W. WILSON RECORD NUMBER: BGSA02001243 (USE FORMAT 7 FOR
FULLTEXT)
Evidence for a switch in the reproductive biology of *Rubus alceifolius*
(Rosaceae) towards apomixis , between its native range and its area of
introduction.
Amsellem, Laurent
Noyer, Jean-Louis; Hossaert-McKey, Martine
American Journal of Botany (Am J Bot) v. 88 no12 (Dec. 2001) p. 2243-51
SPECIAL FEATURES: bibl il ISSN: 0002-9122
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 7157

50/3/315 (Item 7 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2002 The HW Wilson Co. All rts. reserv.
04675457 H.W. WILSON RECORD NUMBER: BGSA01175457 (USE FORMAT 7 FOR
FULLTEXT)
Engineering the apple.
Hubbell, Sue
Natural History v. 110 no8 (Oct. 2001) p. 44-53
SPECIAL FEATURES: il map ISSN: 0028-0712
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 3016

50/3/321 (Item 13 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2002 The HW Wilson Co. All rts. reserv.
04509214 H.W. WILSON RECORD NUMBER: BGSA01009214 (USE FORMAT 7 FOR
FULLTEXT)
Size-dependent sex allocation within flowers of the annual herb *Clarkia
unguiculata* (Onagraceae): ontogenetic and among-plant variation.
Mazer, Susan J
Dawson, Kelly Ann
American Journal of Botany (Am J Bot) v. 88 no5 (May 2001) p. 819-31
SPECIAL FEATURES: bibl il ISSN: 0002-9122
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 11248

50/3/322 (Item 14 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2002 The HW Wilson Co. All rts. reserv.
04508083 H.W. WILSON RECORD NUMBER: BGSA01008083 (USE FORMAT 7 FOR
FULLTEXT)
Endogenous timekeepers in photosynthetic organisms.
Johnson, Carl Hirschie
Annual Review of Physiology v. 63 (2001) p. 695-728
SPECIAL FEATURES: bibl il ISSN: 0066-4278
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 15482

50/3/325 (Item 17 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2002 The HW Wilson Co. All rts. reserv.
04503819 H.W. WILSON RECORD NUMBER: BGSA01003819 (USE FORMAT 7 FOR
FULLTEXT)
Barriers to interbreeding in the *Eriophyllum lanatum* (Asteraceae,
Helenieae) species complex.
Mooring, John S
American Journal of Botany (Am J Bot) v. 88 no2 (Feb. 2001) p. 285-312
SPECIAL FEATURES: bibl il map ISSN: 0002-9122
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 13778

50/3/336 (Item 28 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2002 The HW Wilson Co. All rts. reserv.
04260561 H.W. WILSON RECORD NUMBER: BGSA00010561
Diplospory and parthenogenesis in sexual {times} agamosperous (apomictic
) *Erigeron* (Asteraceae) hybrids .
Noyes, Richard D
International Journal of Plant Sciences (Int J Plant Sci) v. 161 no1 (Jan.
2000) p. 1-12
SPECIAL FEATURES: bibl il ISSN: 1058-5893
LANGUAGE: English
COUNTRY OF PUBLICATION: United States

50/3/359 (Item 51 from file: 98)

DIALOG(R)File 98:General Sci Abs/Full-Text

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04001752 H.W. WILSON RECORD NUMBER: BGSI99001752 (USE FORMAT 7 FOR FULLTEXT)

Pathways, mechanisms, and rates of polyploid formation in flowering plants.

Ramsey, Justin

Schemske, Douglas W

Annual Review of Ecology and Systematics (Annu Rev Ecol Syst) v. 29 ('98)

p. 467-501

SPECIAL FEATURES: bibl il ISSN: 0066-4162

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 15291

50/3/369 (Item 61 from file: 98)

DIALOG(R)File 98:General Sci Abs/Full-Text

(c) 2002 The HW Wilson Co. All rts. reserv.

03282716 H.W. WILSON RECORD NUMBER: BGSI96032716 (USE FORMAT 7 FOR FULLTEXT)

A test of the general-purpose genotype hypothesis in sexual and asexual

Erigeron species.

Kenny, Neil T

The American Midland Naturalist (Am Midl Nat) v. 136 (July '96) p. 1-13

SPECIAL FEATURES: bibl il ISSN: 0003-0031

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 5125